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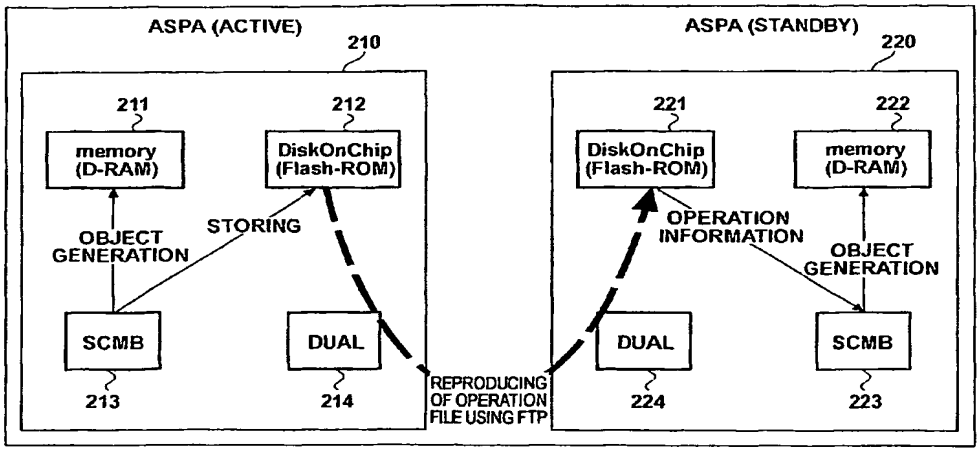
(54) Title: APPARATUS AND METHOD FOR DUALIZING AN ASYNCHRONOUS TRANSFER MODE (ATM) ROUTER IN A CDMA2000 SYSTEM



(57) Abstract: The present invention provides an apparatus and method for dualizing an Asynchronous Transfer Mode (ATM) router in a CDMA2000 system. In a conventional wireless communication system, an ATM router in a Base Station Controller (BSC) has two separate dualized main central processing boards, which are also referred to as ADSL Subscriber Physical board Assembly (ASPA) boards. Each of the ASPA boards includes one operation and maintenance processor, which maintains configuration and operation information. One of the conventional dualized ASPA boards transmits its configuration and operation information to the other, or receives the information from the other, in the form of message. This is in order to maintain the consistency between the information of the dualized ASPA boards, as needed. Such message passing, however, is generally time consuming and may possibly create network overload. According to the invention, the dualized ASPA boards communicate the configuration and operation information with each other using a File Transfer Protocol (FTP), rather than by message passing. Accordingly, communicating the information takes relatively less time, which can considerably reduce the whole system loads and decrease the possibility of data inconsistency between the dualized ASPA boards.

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